

# **SYSTEM AND METHOD FOR PROVIDING SECURE EXCHANGE OF SENSITIVE INFORMATION WITH AN IMPLANTABLE MEDICAL DEVICE**

## **Abstract**

5           A system and method for providing secure exchange of sensitive  
information with an implantable medical device is presented. A crypto key  
uniquely associated with an implantable medical device is defined to encrypt  
sensitive information during a data exchange session. The crypto key is securely  
obtained over a secure connection from a secure key repository securely  
10   maintaining the crypto key. The sensitive information is encrypted using the  
crypto key and the sensitive information is stored as encrypted data onto the  
implantable medical device.